

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	((platinum or platinic) and ("carbon black" or graphite or nanotube\$1) and (aniline or polyaniline or thiophene or polythiophene or pyrrole or polypyrrole or furan or polyfuran)).clm. and 252/511.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 18:22
L2	5	((platinum or platinic) and ("carbon black" or graphite or nanotube\$1) and (aniline or polyaniline or thiophene or polythiophene or pyrrole or polypyrrole or furan or polyfuran)).clm. and 252/500.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 18:22
L3	0	((platinum or platinic) and ("carbon black" or graphite or nanotube\$1) and (aniline or polyaniline or thiophene or polythiophene or pyrrole or polypyrrole or furan or polyfuran)).clm. and 252/512.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 18:22
L4	1	((platinum or platinic) and ("carbon black" or graphite or nanotube\$1) and (aniline or polyaniline or thiophene or polythiophene or pyrrole or polypyrrole or furan or polyfuran)).clm. and 252/514.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 18:22
S1	14	srinivas-bollepalli.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:07
S2	3	polyaniline same "carbon black" same ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:08
S3	4	polyaniline same "carbon black" same "oxidizing agent"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:11
S4	38	aniline same "carbon black" same ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:19

## EAST Search History

S5	2	"5346780".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:20
S6	3202	ozone near6 "oxidizing agent"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:20
S7	212	ozone near6 "oxidizing agent" and "carbon black"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:21
S8	9	ozone near6 "oxidizing agent" and "carbon black" and (polypyrrole or polyfuran or polythiophene or poly\$5phenylene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:23
S9	6	ozone near6 "oxidizing agent" and "carbon black" and "fuel cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:24
S10	136	ozone same polymer\$5 same (aniline or pyrrole or thiophene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:26
S11	1	10/786652.app. and ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 17:07
S12	0	10/445074.app. and ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/18 18:26
S13	180	(oxidative near4 polymerization) and (thiophene or pyrrole) and ("carbon black" or nanotube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 14:46
S14	28	(oxidative near4 polymerization) and (thiophene or pyrrole) and ("carbon black" or nanotube) and "252"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 16:25

## EAST Search History

S15	0	"10445075".app. and ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 16:26
S16	0	"10445075".app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 16:26
S17	0	"10445074".app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 16:26
S18	1	"10/445074".app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 16:26
S19	0	"10/445074".app. and ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 16:47
S20	117	ozone same (oxidant or oxidizing) same (pyrrole or thiophene or aniline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 16:49
S21	1	(ozone and permanganate and persulfate and peroxide) same (oxidant or oxidizing) same (pyrrole or thiophene or aniline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:18
S22	293	(ozone and permanganate and persulfate and peroxide) same (oxidant or oxidizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:06
S23	159	(ozone and permanganate and persulfate and peroxide) same (oxidant or oxidizing) and polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:07
S24	1162	("carbon black" or nanotube) with graft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:18

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S25	684	("carbon black" or nanotube) with graft with polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:19
S26	341	("carbon black" or nanotube) with grafted with polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:20
S27	1	("carbon black" or nanotube) with grafted with (pyrrole or aniline or thiophene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:21
S28	10	("carbon black" or nanotube) with grafted with (conductive near4 polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:21
S29	0	srinivas-bollepalli-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 17:58
S30	14	srinivas-bollepalli.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 18:19
S31	0	"10229933".app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 18:19
S32	1	"10/229933".app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/07 18:19

## EAST Search History

S33	22	US-6572227-\$.DID. OR US-6524383-\$.DID. OR US-6494946-\$.DID. OR US-6042643-\$.DID. OR US-5993996-\$.DID. OR US-5976233-\$.DID. OR US-5928419-\$.DID. OR US-5900029-\$.DID. OR US-5548060-\$.DID. OR US-5156651-\$.DID. OR US-5152801-\$.DID. OR US-4237323-\$.DID. OR US-3870841-\$.DID. OR US-3853933-\$.DID. OR US-3528840-\$.DID. OR US-3519452-\$.DID. OR US-3442679-\$.DID. OR US-3279935-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 11:37
S34	0	((2003/0095914) or (2003/0079643) or (2002/0088375) or (2002/0020318) or (2002/0006982)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/09 12:59
S35	0	2003/0095914.pn. 2003/0079643. pn. 2002/0088375.pn. 2002/0020318.pn. 2002/0006982. pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 11:38
S36	0	2003/095914.pn. 2003/079643.pn. 2002/088375.pn. 2002/020318.pn. 2002/006982.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 11:38
S37	0	2003/095914.app. 2003/079643.pn. 2002/088375.pn. 2002/020318.pn. 2002/006982.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 11:38
S38	0	2003/0095914.app. 2003/079643. pn. 2002/088375.pn. 2002/020318. pn. 2002/006982.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 12:56

## EAST Search History

S39	15	US-6592938-\$.DID. OR US-6541278-\$.DID. OR US-6451375-\$.DID. OR US-6132491-\$.DID. OR US-5939334-\$.DID. OR US-5789027-\$.DID. OR US-5639441-\$.DID. OR US-5606724-\$.DID. OR US-5356538-\$.DID. OR US-4970093-\$.DID. OR US-4737384-\$.DID. OR US-4734227-\$.DID. OR US-4582731-\$.DID. OR US-4552786-\$.DID. OR US-4241112-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 12:18
S40	10	US-6478987-\$.DID. OR US-6117581-\$.DID. OR US-5932144-\$.DID. OR US-5871671-\$.DID. OR US-5595689-\$.DID. OR US-5498372-\$.DID. OR US-5334292-\$.DID. OR US-5290483-\$.DID. OR US-5250163-\$.DID. OR US-5093439-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 12:28
S41	5	US-5767036-\$.DID. OR US-5316990-\$.DID. OR US-5068161-\$.DID. OR US-4880711-\$.DID. OR US-4081409-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 12:32
S42	14	US-6770393-\$.DID. OR US-6767664-\$.DID. OR US-6399202-\$.DID. OR US-6280871-\$.DID. OR US-5851280-\$.DID. OR US-5837045-\$.DID. OR US-5803959-\$.DID. OR US-5707432-\$.DID. OR US-5683829-\$.DID. OR US-5672198-\$.DID. OR US-5630868-\$.DID. OR US-5571311-\$.DID. OR US-5554739-\$.DID. OR US-4014844-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 12:36
S43	1	US-4610938-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 12:41
S44	1	US-5759944-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 12:54

## EAST Search History

S58	10	"20030095914".did. "20030079643". did. "20030088375".did. "20020020318".did. "20020006982". did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:03
S59	10	"20040166401".did. "20040144961". did. "20040110052".did. "20040110051".did. "20040109816". did. "20040042955".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:05
S60	2	"20040186201".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:06
S61	0	"20040186201".did. and "20040072683".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:06
S62	0	"20040186201".did. and "2004072683".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:06
S63	4	"20040186201".did. "20040072683". did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:07
S64	2	"20060099485".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:08
S65	2	"20010009733".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:09
S66	2	"20060068987".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 13:10
S67	2	"20040238799".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 15:05

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S68	2	("6132645").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/09 18:28
S69	2	("5952429").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/09 18:28
S70	37	"carbon black" and platinum and (polypyrrole or polythiophene) and 252/500.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/11 19:55
S71	0	"carbon black" and platinum and (polypyrrole or polythiophene) and 252/520.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/11 19:55
S72	353	(carbon and metal and ((conductive near2 polymer) or polyaniline or polythiophene or polypyrrole)).clm. and (battery or (fuel near2 cell)) and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 19:40
S73	2	("6096284").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/20 17:13
S74	2	("7241334").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/20 17:50
S75	4	((("4714569") or ("20010024749")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/20 17:56
S76	4	((("5635581") or ("4505973")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/20 17:56
S77	2861	carbon same metal same ((conductive near2 polymer) or polyaniline or polythiophene or polypyrrole) and (battery or (fuel near2 cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 19:42



## EAST Search History

S78	1622	carbon with metal with ((conductive near2 polymer) or polyaniline or polythiophene or polypyrrole) and (battery or (fuel near2 cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 19:48
S79	180	carbon with metal with ((conductive near2 polymer) or polyaniline or polythiophene or polypyrrole) and (battery or (fuel near2 cell)) and "252"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 13:14
S80	123	catalytic near2 particle and "252"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 15:32
S81	29	catalytic near2 particle and "252"/\$.ccls. and ("fuel cell" or PEM or (proton near2 conductive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 15:36
S82	632	catalytic near2 particle and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 15:36
S83	2080	cataly\$3 near2 particle and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 15:37
S84	118	cataly\$3 near2 particle and "429"/\$.ccls. and ("carbon black" or graphite or nanotube\$1) and (aniline or polyaniline or thiophene or polythiophene or pyrrole or polypyrrole or furan or polyfuran)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 18:21
S85	2	("5346780").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 17:16
S86	355	carbonaceous and metal and (conducting near2 polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 17:17

## EAST Search History

S87	28	(carbonaceous and metal and (conducting near2 polymer)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 17:18
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